

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	(FERRUCCI ADJ AARON WAYNE ADJ TODD).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:50
S2	3	S1 and request	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:52
S7	1	S5 and (request and delay).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:54
S5	985	ALTERA ADJ CORPORATION.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:54
S4	1	S1 and request and delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:54
S8	102	S5 and (delay).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:55
S13	1021	delay with (pseudorandom pseudo-random)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:56
S12	10692	delay and (pseudorandom pseudo-random)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:56
S14	137	delay near (pseudorandom pseudo-random)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 12:58
S17	50	delay near (pseudorandom pseudo-random) and interface	USPAT	OR	ON	2006/05/05 12:59
S21	75	delay near (pseudorandom pseudo-random) and transmi\$5 with receiv\$3	USPAT	OR	ON	2006/05/05 13:01
S20	45	delay near (pseudorandom pseudo-random) and interface and transmi\$5 with receiv\$3	USPAT	OR	ON	2006/05/05 13:01

## EAST Search History

S19	48	delay near (pseudorandom pseudo-random) and interface and transmi\$5 and receiv\$3	USPAT	OR	ON	2006/05/05 13:01
S23	1	delay near (pseudorandom pseudo-random) with request	USPAT	OR	ON	2006/05/05 13:03
S22	7	delay near (pseudorandom pseudo-random) with transmi\$5 with receiv\$3	USPAT	OR	ON	2006/05/05 13:03
S24	32	delay near (pseudorandom pseudo-random) and request	USPAT	OR	ON	2006/05/05 13:05
S27	4174	request with acknowledg\$3 and delay	USPAT	OR	ON	2006/05/05 13:07
S28	143	request with acknowledg\$3 with delay	USPAT	OR	ON	2006/05/05 13:08
S29	9	delay near request with acknowledg\$3	USPAT	OR	ON	2006/05/05 13:11
S31	1	delay near request and arbritration	USPAT	OR	ON	2006/05/05 13:12
S26	2	request with acknowledg\$3 and delay near (pseudorandom pseudo-random)	USPAT	OR	ON	2006/05/05 13:13
S32	193	delay near3 (pseudorandom pseudo-random)	USPAT	OR	ON	2006/05/05 13:14
S6	29	S5 and request and delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:17
S35	2	S5 and request with delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:19
S36	54	714/748-750.ccls. and request with delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:20
S37	13	714/748-750.ccls. and request near3 delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:21
S40	24	714/748-750.ccls. and request near5 delay same receiv\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:22
S39	27	714/748-750.ccls. and request near5 delay samereceiv\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:22

## EAST Search History

S38	27	714/748-750.ccls. and request near5 delay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:22
S44	77	delay with LFSR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:28
S41	20	714/748-750.ccls. and request near5 delay with receiv\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:28
S45	3	delay near LFSR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 13:29
S50	185	ARQ with (delay timer)	USPAT	OR	ON	2006/05/05 14:10
S51	43	ARQ near3 (delay timer)	USPAT	OR	ON	2006/05/05 14:21
S52	1	ARQ and ACK with NACK near3 (delay timer)	USPAT	OR	ON	2006/05/05 14:22
S53	6	ARQ and ACK with NACK with (delay timer)	USPAT	OR	ON	2006/05/05 14:23
S55	49	ACK with NACK with (delay timer)	USPAT	OR	ON	2006/05/05 14:24
S54	2	REQ and ACK with NACK with (delay timer)	USPAT	OR	ON	2006/05/05 14:24
S57	4078	request near3 (delay timer)	USPAT	OR	ON	2006/05/05 14:26
S56	11	(ACK with NACK) near3 (delay timer)	USPAT	OR	ON	2006/05/05 14:26
S59	23	pseudorandom adj (delay timer)	USPAT	OR	ON	2006/05/05 14:28
S60	26	(pseudorandom LFSR) adj (delay timer)	USPAT	OR	ON	2006/05/05 14:33
S62	3393	UART and (delay timer)	USPAT	OR	ON	2006/05/05 14:34
S63	118	UART and request with delay	USPAT	OR	ON	2006/05/05 14:36
S64	78	UART and request with delay and programmable	USPAT	OR	ON	2006/05/05 14:37
S66	30	request with delay and programmable and UART with transmitter with receiver	USPAT	OR	ON	2006/05/05 14:43
S65	53	UART and request with delay and programmable and transmitter with receiver	USPAT	OR	ON	2006/05/05 14:43
S67	47	request with delay and UART with transmitter with receiver	USPAT	OR	ON	2006/05/05 14:44
S70	1	time adj delay near request and UART with transmitter with receiver	USPAT	OR	ON	2006/05/05 14:51

## EAST Search History

S69	372	time adj delay and UART with transmitter with receiver	USPAT	OR	ON	2006/05/05 14:51
S68	16	request near3 delay and UART with transmitter with receiver	USPAT	OR	ON	2006/05/05 14:51
S71	43	time adj delay near request	USPAT	OR	ON	2006/05/05 14:53
S73	12	time adj delay near retransmi\$5	USPAT	OR	ON	2006/05/05 14:57
S74	7456	primary with secondary and time adj delay	USPAT	OR	ON	2006/05/05 14:58
S76	173	primary with secondary with receiv\$3 with request and delay	USPAT	OR	ON	2006/05/05 14:59
S75	355	primary with secondary with receiv\$3 with request	USPAT	OR	ON	2006/05/05 14:59
S77	4	primary with secondary with receiv\$3 with request with delay	USPAT	OR	ON	2006/05/05 15:01
S78	9	write adj request with acknowledge\$5 with delay	USPAT	OR	ON	2006/05/05 15:14
S80	16	read adj request same acknowledge\$5 with delay	USPAT	OR	ON	2006/05/05 15:20
S79	14	write adj request same acknowledge\$5 with delay	USPAT	OR	ON	2006/05/05 15:20
S82	1	delay near3 (pseudorandom pseudo-random) with LFSR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 16:32
S15	58	delay near (pseudorandom pseudo-random) and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 16:32
S83	1	delay near (pseudorandom pseudo-random) same LFSR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:33
S16	70	delay near (pseudorandom pseudo-random) and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:33
S84	3	delay near (pseudorandom pseudo-random) and LFSR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:34
S86	45	(pseudorandom pseudo-random) near LFSR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:35

## EAST Search History

S85	5	delay near3 (pseudorandom pseudo-random) and LFSR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 16:35
S90	92	(pseudorandom pseudo-random) near delay	USPAT	OR	ON	2006/05/05 16:36
S87	30	(pseudorandom pseudo-random) near LFSR	USPAT	OR	ON	2006/05/05 16:36
S91	92	(pseudorandom pseudo-random) near delay	USPAT	OR	ON	2006/05/05 16:37
S96	2	(pseudorandom pseudo-random) near delay and UART	USPAT	OR	ON	2006/05/05 16:38
S97	6	(pseudorandom pseudo-random) near delay with interface	USPAT	OR	ON	2006/05/05 16:39
S94	32	(pseudorandom pseudo-random) near delay and request	USPAT	OR	ON	2006/05/05 16:39
S99	5	delay near LFSR	USPAT	OR	ON	2006/05/05 17:07
S98	5	LFSR near delay	USPAT	OR	ON	2006/05/05 17:07
S89	2	(pseudorandom pseudo-random) near LFSR same delay	USPAT	OR	ON	2006/05/05 17:07
S10 0	3	delay near LFSR and @ad</20040420	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 17:09
S46	29	delay near3 LFSR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/05 17:09
S10 4	5	delay with LFSR with random and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 17:11
S10 2	82	delay with LFSR and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 17:11
S10 1	8	delay near LFSR and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/05 17:11
S10 5	1141	(delay wait) with (pseudorandom pseudo-random)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:18

## EAST Search History

S11	1	S5 and delay and (pseudorandom pseudo-random)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:18
S10 7	8	(delay wait) with (pseudorandom pseudo-random) and request with ACK	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:21
S10 8	8	(delay wait) with (pseudorandom pseudo-random) and request with ACK and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:25
S11 0	9	(delay wait) with (pseudorandom pseudo-random) with request and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:26
S10 9	187	(delay wait) with (pseudorandom pseudo-random) and request and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:36
S11 1	99	(delay wait) with (pseudorandom pseudo-random) and ("ack" acknowledg\$5) and request and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:37
S11 2	25	(delay wait) with (pseudorandom pseudo-random) and ("ack" acknowledg\$5) with request and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:51
S11 5	11	EP adj "467036"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:53
S11 4	25	"467,036"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:53
S11 3	25	(delay wait) with (pseudorandom pseudo-random) and ("ack" "nack" acknowledg\$5) with request and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:54
S11 6	11	(delay wait) with (pseudorandom pseudo-random) and ("ACK" "NACK" "NAK" "ARQ"acnowleg\$5) with request and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/18 16:55
S11 9	1	("5,086,467").PN.	USPAT	OR	OFF	2006/09/20 11:18
S11 8	9	"5,086,467"	USPAT	OR	OFF	2006/09/20 11:18

## EAST Search History

S11 7	11	(delay wait) with (pseudorandom pseudo-random) and ("ACK" "NACK" "NAK" "ARQ" acknowleg\$5) with request and @ad<"20040420"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/20 11:18
S12 2	83	arbitration adj logic near3 bus and primary with secondary	USPAT	OR	OFF	2007/03/07 15:11
S12 1	648	arbitration adj logic near3 bus	USPAT	OR	OFF	2007/03/07 15:11
S12 0	1019	arbitration adj logic with bus	USPAT	OR	OFF	2007/03/07 15:11
S12 5	47	arbitration adj logic near3 bus and request with (ACK NAK NACK)	USPAT	OR	OFF	2007/03/07 15:14
S12 4	41	arbitration adj logic near3 bus and request with ack	USPAT	OR	OFF	2007/03/07 15:14
S12 3	5	arbitration adj logic near3 bus and primary with secondary with request	USPAT	OR	OFF	2007/03/07 15:14
S12 8	47	arbitration adj logic near3 bus and request with (ACK NAK NACK) NOT ALTERA ADJ CORPORATION.as.	USPAT	OR	OFF	2007/03/07 15:16
S12 7	47	arbitration adj logic near3 bus and request with (ACK NAK NACK)	USPAT	OR	OFF	2007/03/07 15:16
S13 1	439687	arbitration adj logic near3 bus and request with (ACK NAK NACK) wit delay\$3 NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:17
S13 0	15746	arbitration adj logic near3 bus and request with (ACK NAK NACK) wit dealy\$3 NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:17
S12 9	44	arbitration adj logic near3 bus and request with (ACK NAK NACK) NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:17
S13 3	34	arbitration adj logic near3 bus and request with (ACK NAK NACK) and delay\$3 NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:18
S13 5	9	arbitration adj logic near3 bus and request with (ACK NAK NACK) same (delay\$3 tim\$3) NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:19

## EAST Search History

S13 6	150	arbitration near3 bus and request with (ACK NAK NACK) same (delay\$3 tim\$3) NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:20
S13 7	13	arbitration near3 bus with request with (ACK NAK NACK) same (delay\$3 tim\$3) NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:21
S13 8	71	arbitration near3 bus and request with (ACK NAK NACK) and master with slave same (delay\$3 tim\$3) NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:23
S13 9	81	arbitration near3 bus and request with (ACK NAK NACK) with (delay\$3 tim\$3) NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:33
S14 0	128	arbitration near3 bus and request with (ACK NAK NACK) and (master same slave) NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:34
S14 1	11	arbitration near3 bus with master same slave and request with (ACK NAK NACK) NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:47
S14 2	959	arbitration near3 bus with master same slave and request with (ACK NAK NACK) and delay\$3NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:48
S14 3	8	arbitration near3 bus with master same slave and request with (ACK NAK NACK) and delay\$3 NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 15:53
S14 4	10	arbitration near3 bus with master same slave and request with (ACK NAK NACK) and delay\$3 NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	US-PGPUB; USPAT	OR	OFF	2007/03/07 16:01
S14 8	30671	delay near3 (pseudorandom pseudo-random) and request with (ack nack nak) ans arbitration	USPAT	OR	ON	2007/03/07 16:04
S34	4	delay near3 (pseudorandom pseudo-random) and arbitration	USPAT	OR	ON	2007/03/07 16:04



## EAST Search History

S15 0	18	(pseudorandom pseudo-random) and request with (ack nack nak) and arbitration	USPAT	OR	ON	2007/03/07 16:05
S15 2	88	(pseudorandom pseudo-random) and request with (ack nack nak) and arbitration with bus	US-PGPUB; USPAT	OR	ON	2007/03/07 16:07
S15 1	15	(pseudorandom pseudo-random) and request with (ack nack nak) and arbitration with bus	USPAT	OR	ON	2007/03/07 16:07
S15 3	83	(pseudorandom pseudo-random) and request with (ack nack nak) and arbitration with bus and master same slave	US-PGPUB; USPAT	OR	ON	2007/03/07 16:08
S15 8	1	tim\$3 near3 (pseudorandom pseudo-random) and request with (ack nack nak) and arbitration	US-PGPUB; USPAT	OR	ON	2007/03/07 16:10
S16 3	97	tim\$3 near2 (pseudorandom pseudo-random) same request	US-PGPUB; USPAT	OR	ON	2007/03/07 16:11
S16 1	51	tim\$3 near2 (pseudorandom pseudo-random) and request with (ack nack nak)	US-PGPUB; USPAT	OR	ON	2007/03/07 16:11
S16 0	52	tim\$3 near3 (pseudorandom pseudo-random) and request with (ack nack nak)	US-PGPUB; USPAT	OR	ON	2007/03/07 16:11
S16 8	77	(pseudorandom pseudo-random) near3 delay near3 tim\$3	US-PGPUB; USPAT	OR	ON	2007/03/07 16:13
S16 7	61	(pseudorandom pseudo-random) near2 delay near3 tim\$3	US-PGPUB; USPAT	OR	ON	2007/03/07 16:13
S16 5	12	(pseudorandom pseudo-random) with (ack nack nak)	US-PGPUB; USPAT	OR	ON	2007/03/07 16:13
S17 2	379	(pseudorandom pseudo-random) with tim\$3 with delay	US-PGPUB; USPAT	OR	ON	2007/03/07 16:16
S17 0	12	(pseudorandom pseudo-random) with (ACK NACK NAK)	US-PGPUB; USPAT	OR	ON	2007/03/07 16:16
S17 3	28	(pseudorandom pseudo-random) with tim\$3 with delay and (ACK NACK NAK)	US-PGPUB; USPAT	OR	ON	2007/03/07 16:17
S17 4	19	S173 NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 16:18
S17 6	2	S173 and master and slave NOT ALTERA ADJ CORPORATION.as. and @ad<="20040420"	USPAT	OR	OFF	2007/03/07 16:19